

PVNGS Technical Requirements Manual (TRM)
Revision 56
Replacement Pages and Insertion Instructions

The following LDCRs are included in this change:

LDCR 11-R005 revises the Containment Spray pump miniflow differential pressure test value in TRM 5.0.500.8.f from 260 psid to 258 psid to provide additional testing margin. The new value of 258 psid is supported by the existing design calculations, which document a minimum required developed pump head of 253.4 psid at miniflow (Calculation 13-MC-SI-0220 Revision 6) and an instrument uncertainty of 3.1 psid (Calculation 13-JC-SI-0215 Revision 16), resulting in a minimum required indicated differential pressure of 256.5 psid. The new value of 258 psid minimum is still within the existing safety analyses (i.e., remains bounding).

LDCR 11-R006 is an editorial correction to add "TLCO" before 3.0.100.3 in the Note that proceeds the table of ACTIONS for TLCO T3.3.107, "Explosive Gas Monitoring System." TSR 3.0.100.3 and TLCO 3.0.100.3 have the same number, so this editorial correction addresses potential confusion, by correcting an oversight in the original issue of the TRM. When the Improved Technical Specifications (ITS) were implemented, ITS SR 3.0.3 was developed from the original TS SR 4.0.3. This was the source of the numbers being the same. When the original TRM was issued, the Note was not clarified to reflect "TLCO" for the specification number, and hence the potential for confusion.

Instructions

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T3.3.107-1

T5.0.500-12

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T5.0.500-12

Technical Requirements Manual

Revision 56
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PALO VERDE UNITS 1, 2, 3

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T3.3 INSTRUMENTATION

T3.3.107 Explosive Gas Monitoring System

TLCO 3.3.107 Two explosive gas monitoring instrumentation Oxygen Monitoring channels shall be OPERABLE with their alarm/trip setpoints set to ensure that the limits of T3.10.201 are not exceeded. This includes the following instruments:

- a. Oxygen monitor (surge tank)
- b. Oxygen monitor (waste gas header)

APPLICABILITY: During Gaseous Radwaste System Operation.

ACTIONS

-----NOTE-----
The provisions of TLCO 3.0.100.3 are not applicable.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. Explosive gas monitoring instrumentation channel alarm/trip setpoint less conservative than required.	A.1 Declare the channel inoperable.	Immediately
B. One required channel inoperable	B.1. Obtain and analyze grab samples.	Daily
	<u>AND</u> B.2 Restore the inoperable channel to OPERABLE status	30 days

(continued)

5.0.500 Programs and Manuals (continued)

- e. When testing ECCS trains pursuant to PVNGS ITS SR 3.5.3.3, verify that each of the following pumps develops the indicated differential pressure at or greater than their respective minimum allowable recirculation flow:
 - 1. High pressure safety injection pump greater than or equal to 1761 psid.
 - 2. Low pressure safety injection pump greater than or equal to 165 psid.
- f. When testing the Containment Spray System pursuant to PVNGS ITS SR 3.6.6.3, verify that each pump develops an indicated head differential pressure of greater than or equal to 258 psid at greater than or equal the minimum allowable recirculation flowrate.
- g. The provisions of TLCO 3.0.100.3 and TSR 3.0.100.3 are applicable to the program requirements T5.0.500.8.e and T5.0.500.8.f.

5.0.500.9 Steam Generator (SG) Tube Surveillance Program

The purpose of the Steam Generator Tube Surveillance Program is to provide controls for the Inservice Inspection of steam generator tubes to ensure that structural integrity of this portion of the RCS is maintained. The PVNGS System Engineering Group is the program owner.

The program requirements are specified in ITS 5.5.9.

(continued)